

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kazuhide KAWAI et al.
Title: CERAMIC MEMBER WITH FINE PROTRUSIONS ON SURFACE AND
METHOD OF PRODUCING THE SAME
Appl. No.: Unknown
Filing Date: January 31, 2002
Examiner: Unknown
Art Unit: Unknown

UTILITY PATENT APPLICATION
TRANSMITTAL

Commissioner for Patents
Box PATENT APPLICATION
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Kazuhide KAWAI
Shunzo SHIMAI
Makoto TAKAHASHI
Hiroaki SHITARA
Fumio TOKUOKA
Masahiko ICHISHIMA
Takashi SUZUKI
Toyokazu MATSUYAMA
Hideo UEMOTO

Enclosed are:

- ☐ [X] Specification, Claims, and Abstract (44 pages).
- ☐ [X] Informal drawings (12 sheets, Figures 1-17).
- ☐ [X] Declaration and Power of Attorney (5 pages).
- ☐ [X] Assignment of the invention to TOSHIBA CERAMICS CO., LTD.
- ☒ [X] Assignment Recordation Cover Sheet.
- ☐ [X] Preliminary Amendment.

- ☒ Information Disclosure Statement.
- ☒ Form PTO-1449 with copies of 6 listed references.
- ☒ Application Data Sheet (37 CFR 1.76).

The filing fee is calculated below:

	Claims as Filed	Included in Basic Fee	Extra Claims	Rate	Fee Totals
Basic Fee				\$740.00	\$740.00
Total Claims:	26	- 20	= 6	x \$18.00	= \$108.00
Independents:	7	- 3	= 4	x \$84.00	= \$336.00
If any Multiple Dependent Claim(s) present:				+ \$280.00	= \$0.00
				SUBTOTAL:	= \$1184.00
<input type="checkbox"/> Small Entity Fees Apply (subtract 1/3 of above):					= \$0.00
				TOTAL FILING FEE:	= \$1,184.00
Assignment Recordation Fee:				+ \$40.00	= \$40.00
				TOTAL FEE	= \$1,224.00

- ☒ A check in the amount of \$1,224.00 to cover the filing fee and fee for recordation of Assignment is enclosed.
- ☐ The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date: January 31, 2002

By Richard L. Schwaab

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PATENT TRADEMARK OFFICE

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